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Monitor Newsletter September 17, 1990

Bowling Green State University

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Bowling Green State University

September 17, 1990

Ohio Department of Development awards \$250,000 grant

BGSU joins a unique partnership to produce three-dimensional models



Doug Neckers, executive director of the Center for Photochemical Sciences, displays plastic models of two hearts, one healthy and one that is severely damaged. They were created by a unique laser-initiated, photopolymerization process.

The University and the Center for Photochemical Sciences have been awarded a two-year, \$250,000 grant by the Ohio Department of Development.

The grant will be used in a unique, academic/private sector partnership that, along with other financing, will be used to perfect the process and technology to quickly and economically produce solid, three-dimensional models from the input of medical scanners.

The center has joined with StereoGraphics Limited Partnership, formed by a group of Toledo-area investors, to create the academic/private sector alliance.

The grant was awarded by the Department of Development's Edison Seed Development Fund.

The announcement of the formation of the partnership and the awarding of the grant for the development and commercialization of the laser-initiated, photopolymerization modeling process, being refined by the Center for Photochemical Sciences, was made last week.

The State Controlling Board approved the grant at its meeting Sept. 10, based upon a recommendation by the Department of Development's Industrial Technology and Enterprise Advisory Board.

"The grant along with an equal amount of in-kind, continuing research from the University and the initial capitalization pledged by the investors will provide in excess of \$1 million over the next two years," said Joel P. Epstein, managing director of StereoGraphics Limited Partnership and president of StereoGraphic Investors Inc.

During the next two years, Epstein said his group will work on continuing research and application development and the University's Center for Photochemical Sciences will be perfecting the technology and the process.

The center, the only one of its kind in the country, is a prototype research and teaching unit, which focuses on research related to chemical reactions initiated by light and the preparation of professionals for academic and industrial positions. Dr. Douglas C. Neckers, chemistry, is the center's executive director and a distinguished research professor.

President Olscamp called the Edison grant one of the most significant research grants the University has received.

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Radiation training is provided for classified staff

Custodial and maintenance employees who work in the University's science buildings are learning to take some extra precautions. The materials they work around and what they find in the trash barrels may differ greatly from what their co-workers are exposed to in other campus buildings.

Kathy Eninger, chair of Classified Staff Council, said CSC is making it a goal this year to make sure staff receive proper training to work around radioactive and chemical materials that may be dangerous.

"Classified staff are responsible for cleaning science areas and often don't know what they are being exposed to in the labs, on countertops or in the trash," Eninger said. "Every new person who goes into one of these areas should be educated on what to expect and how to handle certain materials."

She said CSC had received some complaints from classified employees who were concerned for their safety after finding syringes in trash bags or working around materials with radiation warning signs.

Lewis Johnson, radiation safety officer and industrial hygienist, said environmental health and safety has regularly provided radiation training for the past eight years to custodial and maintenance workers who work around radioactive materials. The program is usually conducted by the physical plant and involves watching a videotape which explains how to avoid radioactive materials, where they can be found on campus and how they can affect a person exposed to them.

The Nuclear Regulatory Commission mandates that the University provide the programs annually, and Johnson said the next session is planned for late September or early October. Notice will be sent to the physical plant.

However, Johnson said environ-



This radiation warning sign, on one of the doors in the Physical Sciences Building, is similar to ones found near laboratories where radioactive material is used.

mental health and safety is limited in the kind of training it can offer on other dangerous materials because he is not always aware of changing conditions in laboratories.

"I would be in favor of giving anyone more training, but we have no authority in the academic areas," he said. "Custodial and maintenance supervisors need to deal with the specific science departments so they can decide what they can do for each other to make it a safer environment. We'd be happy to come in then and consult with them. We can tell them how to avoid handling certain materials and what to do in an abnormal situation."

Johnson said the environmental health and safety office also provides training to graduate students, clerical workers and users who work in or around labs with radioactive materials. One of the main points emphasized is how to keep the area secured.

"I can understand people's fears. If they don't know what it is they are working around, then they shouldn't be in the

labs," Johnson said. "But there is training available to educate them."

Dan Parratt, director of environmental health and safety, said Johnson is actively involved in documenting radioactive materials on campus and works under the guidelines of the Radiation Safety Committee. The committee, made up of faculty and staff, establishes policies for the use of radioactive materials on campus, including who can use it and in what amounts. Dr. Lee Meserve, biology, chairs the committee.

As radiation safety officer, Johnson conducts lab inspections, posts regulations and documents numerous details about the materials such as where it is being used and how it is disposed. Researchers also are actively involved in recordkeeping surveys for contamination and other aspects of radiation safety in their labs.

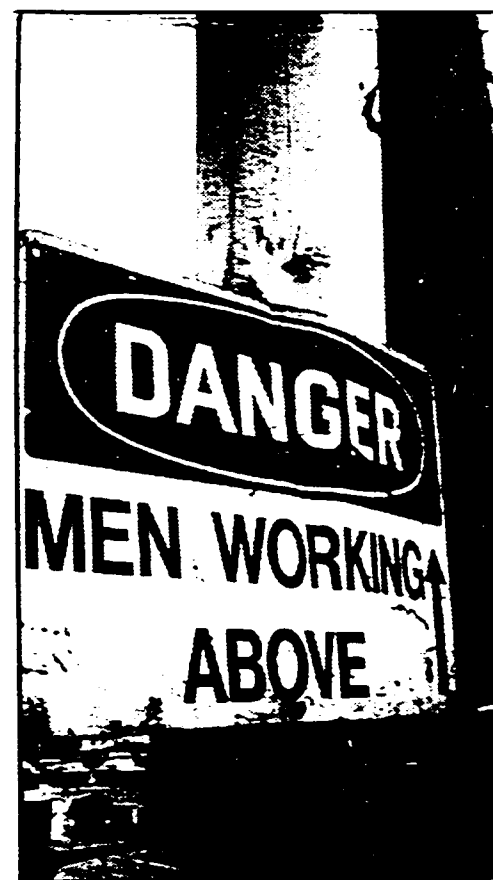
"All radioactive material for research comes to us first where we do the paperwork on it and then personally deliver it to the lab," Parratt said. The Nuclear Regulatory Commission periodically visits the campus to inspect laboratories and review records.

"It's important that we have everything properly documented or the University could lose its funding for some research projects. It has happened at other schools," Parratt said. "And it is my impression that the Radiation Safety Committee has developed a sound program."

Every employee has a right to know about any potentially dangerous materials they are working near, Parratt said. There are federal or state mandated rules requiring the University to inform employees about radioactive materials, chemical waste disposal and disposal of infectious wastes; however, there are no laws requiring notification of any other hazardous substances.

"I would never go into a lab uninvited without the knowledge of someone in

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Work continues on the University's smokestack which has now been restored to its original height of 250 feet.

Smokestack work -- it's almost finished

Bear with them — they're almost finished. The crew from International Chimney working on the University's smokestack should be wrapping up the project by the end of September, according to Carl Cogar, director of the physical plant. Of course that's as long as there are no weather delays.

Repair and partial reconstruction of the tower began in July, with the chimney company roping off part of lot E for safety reasons. And although motorists who normally park in the lot have been grumbling about the loss of approximately 60 spaces, Cogar said the project is on schedule.

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University's health care claims now being handled by Didion

A big change has occurred at the University, but so far, most employees have hardly noticed. But when it's time for them to submit a health claim for reimbursement, James Morris, benefits manager, thinks staff members will notice a substantial difference.

As of Sept. 1, Didion & Associates, a Columbus-based firm, has assumed the handling of the University's administration of health claims. The service previously had been provided by Administrative Service Consultants (ASC), based in Findlay. Morris said the University decided to switch third party administrators following numerous complaints by employees about the slow and often inaccurate claim service.

"We had been doing business with ASC for the past eight years, but two years ago the company was merged with a national firm in Wisconsin," Morris said. "It seems that since the merger, the Findlay office has had some personnel problems and our claims have been backlogged."

Employees have complained about the amount of time it takes for medical bills to be paid and Morris said he and the Benefits Office staff have had to call doctors' offices and hospitals to explain the problem.

By now all University employees should have received a packet through campus mail from the Benefits Office with new health care I.D. cards and prescription drug cards. Anyone not receiving the packet should contact the office at 372-2112 immediately. All former cards under the ASC administration have been invalidated and will not be accepted by health care facilities or drug stores.

Morris said all employees should notify their various physicians and dentists about the change. "Many of the doctors and hospitals have already been notified," Morris said. "But it's a good idea to remind them so all charges will be submitted to Didion and not to ASC."

Also, it is important that any BGSU employee who has incurred health care charges prior to Sept. 1 submit them as soon as possible. ASC still will admini-

ster any claims of services incurred up to Aug. 31, and the company has been given a November deadline to complete all University business. Any claims not finalized by that time will be turned over to Didion.

Morris said ASC has agreed to provide Didion with the cumulated deductibles and co-payments already made by University employees under the major medical and dental coverages. But employees should have available their last explanation of benefits worksheet in case there are any questions.

"I'm sure there are going to be some unanticipated problems that are going to arise with the new system, but if people can just bear with us in the next month, I think they are going to be pleased with Didion," Morris said.

Didion's name already is known in the area because it handles the Wood County Schools' consortium medical claims. "Our on-site visit to their offices indicated they have the capabilities to process claims efficiently and in a timely manner. Also, their references were very favorable and they will be able to provide us with both management and financial reports and other data," he said.

One difference with the new company may be the interpretation of claims. While Morris stressed there has been no change in the benefits employees receive at the University, Didion may use different criteria in determining reasonable claims and the amount of payment.

Didion's services will cost the University approximately \$100,000 a year more in administration fees, but Morris said the increase is worth it if it results in more efficient and accurate service. The increase is considered part of the University's budgeted health care costs and will not be passed on to the employees, he added.

New faculty and contract staff are reminded that they must enroll for the life and health coverages in order to be covered. For more information, contact the Benefits Office.

Smith takes leave to research artist

Dr. Larry Smith, English and humanities at Firelands College, knows a lot about American artist and writer Kenneth Patchen. Smith has written a literary book on Patchen, as well as several articles for a literary reference book, and he wrote and co-produced a video program entitled "Kenneth Patchen: An Art of Engagement."

This fall semester, Smith will be taking a faculty improvement leave to research and write an authorized biography of Patchen.

The Firelands professor said his research on the Ohio writer has been ongoing since Smith's dissertation in 1974. "What fascinates me now about Patchen is his personality and strength of character. During the last 20 years of his life he suffered debilitating back pain, yet he continued to care about humanity and create beautiful art," Smith said.

Patchen was born into a working class environment in the Niles-Warren area in 1911. He went on to become a proletarian poet and novelist during the 1930s and 1940s in New York City. He later became an avant-garde writer and artist in the San Francisco area, and was one of the primary practitioners of poetry and jazz in

the middle 1950s. He died in 1972.

Recent exhibits of Patchen's art, which combine his poetry and painting, have been shown in California, Ohio and Germany. The Ohio Arts Council and the National Endowment for the Arts have helped to fund the recent 1989 and 1990 Kenneth Patchen Festivals in Warren.

Smith said his research includes Patchen's 42 books and record albums, the written documents of Patchen's life as well as his personal correspondence and interviews with his friends and family. Smith also plans on conducting interviews with Patchen's widow Miriam.

He said he expects it will take a year of research and a year of writing before a definitive biography is completed. He will return to Firelands in January to continue teaching writing, literature and film courses.

Smith joined the staff at Firelands College from Kent State University in 1970 and was awarded a National Endowment for the Humanities fellowship in 1976. In 1980, he held a Fulbright fellowship to teach American literature in Italy. He is the author of five books of poetry and a second literary biography, *Lawrence Ferlinghetti: Poet-at-Large*.

Radiation from the front

the department to show me around," he said. "If an employee has any questions, he should go to the person in charge of the lab, to his supervisor or call us. It is always advisable to go to the supervisor first so that he or she is aware of the concern."

Although radioactive materials are being used in more research, Parratt said he

thinks laboratories are becoming more safe. Suppliers use better packaging and there is increased awareness among researchers about proper disposal.

Currently the University is developing a hazardous materials policy that will require all employees to be trained in hazardous substances encountered in their workplace.

Smokestack from the front

International Chimney had a deadline of Aug. 22 to complete the task of rebuilding the stack's top 50 feet. With that phase of the project finished, the tower has now been restored to its original height of 250 feet and has been operating since the week before classes started.

The second phase of the work has been on the external surface which entails installing steel bands every five feet, adding a new catwalk at the top of the stack, as well as red warning lights and new lightning rods.

The last step of the job will be applying

a sealer to the tower and Cogar said the work will be done on a weekend when lot E is completely closed.

Signs warning motorists to park in the lot at their own risk have been posted at both entrances of the lot due to the potential of materials falling from the workers' scaffolding.

"There has been some work time lost to inclement weather," Cogar said. "This is dangerous work to begin with and we can't expect these men to be up there when the conditions are bad."

Partnership from the front

"Bowling Green has made great strides in recent years as a significant research institution, and the Edison grant is evidence of the effort," Olscamp said. "I am particularly excited that Dr. Neckers' research and involvement in StereoGraphics is the kind of academic/business collaboration that is needed to revitalize the economy of Ohio and, more specifically, northwest Ohio."

According to Epstein, "SGL will decide exactly what its future role will be during this two-year period. The company could produce the systems or it could produce the actual three-dimensional models, or 'prints,' from systems assembled and sold by another entity," he said.

Upon commercialization, Bowling Green will receive a royalty from each system sold, but will not have an ownership position in SGL, Epstein explained.

He said the investors group includes many of the principals of Glasstech Inc., the Perrysburg-based manufacturer of glass bending and tempering systems for the worldwide automotive and architectural markets that is known for its technology research and leadership.

Harold McMaster, Glasstech's co-founder and chairman, acted as a marriage broker in this situation. He and others had worked with Neckers in connection with several Glasstech projects involving photochemistry," Epstein said.

Along with Epstein, former president and CEO of Trustcorp Bank Ohio, and McMaster, the investor group includes Norman C. Nitschke and Frank A. Larimer, both retired co-founders of Glasstech; Michael J. Cicak, Glasstech's president; Dr. Ronald A. McMaster, vice president of research and corporate development for Glasstech, and the White family investment group of Toledo.

Initially, StereoGraphics Limited will

employ up to eight people, most of them with technical backgrounds. The company's offices and testing facilities will be located in the Arrowhead Corporate Center in Maumee's Arrowhead Park.

"With commercialization, we expect the company and its employment to grow tremendously," Epstein said.

Neckers explained the Center for Photochemical Sciences' continuing research will evaluate the use of inexpensive, visible light, low-power lasers (Argon ion lasers) in the transformation of light-sensitive monomers into three-dimensional plastic images.

"We will take the output from medical scanners, such as CAT (Computerized Axial Tomography) and MRI (Magnetic Resonance Imaging) scanners that assemble data in layers, and feed these data through our laser-based system," Neckers said.

The process then converts a light-sensitive, liquid monomer, through photopolymerization, into a three-dimensional image, layer by layer, from the medical scanner's original data.

Holding a plastic model of a normal human heart produced through the process, Neckers said the process will "print" an exact reproduction of the data fed into the system. Picking up another model from an MRI scan of a heart that had previously undergone a heart attack, he said the plastic "print" is the exact size and shows damage done previously.

"Medical personnel routinely will be able to hold in their hands and study a three-dimensional representation of the actual organ or bone in question," Neckers said.

According to Epstein, StereoGraphics believes the initial use of the "prints" will be in the orthopedics area. Also, he said the SGL process can be applied to the creation of three-dimensional, solid, color photography and the formation of exact, solid models of other scannable objects.

Writing seminar scheduled to be held Nov. 2-3

The ninth semi-annual "Writing Across the Disciplines" (formerly "Writing in the Classroom") seminar for faculty and graduate students will be held Nov. 2-3 at the Perrysburg Holiday Inn French Quarter.

Marking the final session of phase one of the program, this year's workshop will be led by Dr. Alice Calderonello and Dr. Richard Gebhardt, both of English. Phase two will begin in the spring when outside experts will be invited to speak on campus and conduct follow-up instruction with former participants of the program.

Now in its fifth year, "Writing Across the Disciplines" has reached almost 200

faculty and 30 graduate students from more than 30 departments on campus. The program is part of a national movement based on the belief that writing is one of the most effective means of promoting learning. The workshop invites participants to think about students' learning and writing problems, the composing process and the role of audience, assignment making and evaluation in writing. The seminar emphasizes practical, hands-on experiences applicable to all disciplines.

Persons interested in attending should contact Mary Jo Smith at 372-2576. Spaces are limited to 30.

Theatre season offers a look behind stage

For a behind-the-scenes look at campus productions, the University Theatre and continuing education are sponsoring "An Evening of Dinner and Theatre."

The evenings feature dinner in the University Union, with menus specifically designed for each play. Dinner will be followed by a discussion with the director and others involved in the production. The performance in the Eva Marie Saint Theatre highlights the evening's events.

Four performances will offer this dinner option: "Barefoot in the Park" on Oct. 5; "The Memorandum" on Nov. 10; "The Misanthrope" on March 2; and "Bedroom Farce" on April 20.

"The evening offers an informal backstage look and insider information, which makes people feel a part of the show," Dr. Allen Kepke, chair of the theatre department, said.

What play directors share with the dinner audience will vary for each production. For some productions, the scenic and costume designers may also participate in the discussion, Kepke said.

The success of a dinner and theatre combination for a production of "Quilters"

last spring has led to the new series of events this season.

Kepke noted that the program gives the audience "the advantage of getting to know others who also go to the theater. This makes for more of a big night out," he said.

The event is not dinner theatre, however, according to Joyce Kepke, director of conference programs in the continuing education program. "That implies eating while watching a performance. Some people don't like to do that," she said.

Tickets for each evening including dinner are \$22.50 per person, or \$15.50 per person for members with a BGSU Theatre Pass. For more information or to make reservations, contact Joyce Kepke at the Office of Continuing Education at (419) 372-8181.

Orientation planned

A welcoming orientation for new faculty will be held at 2:30 p.m. Friday (Sept. 21) in the Alumni Room of the University Union. Interested participants should contact the research services office.

Faculty/Staff recognitions

William Jackson, Distinguished University Professor Emeritus of Biological Sciences, has been appointed by Governor Richard Celeste to the Technical Advisory Group for Emergencies at Licensed Nuclear Facilities. He will join 19 other scientists to provide a pool of expertise on which the governor can call before taking any action in case of a nuclear emergency.

Ann Pope and Valrie Kantorski, both of the creative arts program, won first prize in the Graves Duo Piano Competition sponsored by the Ohio Music Teachers Association held last spring in Columbus. They performed "Variations on a Theme of Beethoven, Op. 35" by Camille Saint-Saens.

Ann Bowers, Center for Archival Collections, has been elected vice president of the Midwest Archives Conference, the nation's largest regional archival organization with a membership of more than 1,000 individual and institutional members.

John C. Cavanaugh, psychology and director of the Institute for Psychological Research and Application, has been elected president of the greater Toledo chapter of the Alzheimer Disease and Related Disorders Association.

Robert Byler, journalism, has been elected president of the Writers Forum of Northwest Ohio. He was a co-founder of the forum in 1983 and it currently has approximately 60 members from Ohio and Michigan.

Senarath Parakrama Abeyratne, sociology, has won second place for his paper entitled "Pharmaceutical Multinationals and the Health of Developing Countries" in the graduate student paper competition of the North Central Sociological Association. He presented the paper March 22 at the joint meeting of North Central Sociological Association and Southern

Sociological Society held in Louisville, Ky.

James L. Litwin, institutional studies, was appointed to the Visiting Committee for the School of Education at the University of Michigan. The committee serves as an advisory body to the dean on the organization and planning processes for the school. Litwin was appointed to a two-year term and chairs the subcommittee on higher education.

Chris Milko, libraries and learning resources, was elected vice president of the Ohio Academy of Science/Chair of the Information and Library Science Section at the annual meeting of the Ohio Academy of Science/Chair of the Information and Library Science Section, April 27-29.

The Center for Governmental Research and Public Service was presented with a letter of commendation from the Ohio State Senate by State Senator Betty D. Montgomery and Stanley J. Arnoff, president of the senate. The letter recognizes the achievements of the center in promoting public services in northwest Ohio. The center also was awarded the President's Award by David Moebius, president of the Northwest Ohio Chapter of the American Society for Public Administration, for the center's contributions to the success of the local chapter including winning the National Newsletter Award for "The Messenger," the chapter's quarterly publication. Also, in commemoration of its 25th anniversary, the WSOS Community Action Commission, Inc. presented a certificate of appreciation to the center for outstanding service and contribution to the endeavors of this non-profit organization in assisting with its community and economic development activities.

Frank McKenna, political science, has been appointed to the executive board of the Section for Women in Public Administration, American Society for Public Administration.

Faculty/Staff grants

Jeffrey Welsh, Firelands College, Lake Erie Regional Studies Program, \$1,365 from the Ohio Humanities Council, to support a day of landscape tours, one of three special events focusing on the theoretical, historical and applied aspects of preserving or conserving major components of the region's rural landscape.

V. Frederick Rickey, mathematics and statistics, \$15,292 from the U.S. Military Academy, West Point, to fund Rickey's two-month extension of his assignment as Distinguished Visiting Professor in the mathematics department at West Point.

Pietro Badia, psychology, \$31,878 from the Fragrance Research Fund, Ltd., for research focused on responsivity to olfactory stimulation in sleep and the effects of various fragrances on the quality of sleep.

Candace Galen, biological sciences, \$4,000 from the National Science Foundation, to study the genetic basis and fitness consequences of variable floral morphology in natural populations of the alpine plant *Polemonium viscosum* and whether pollinator-mediated selection can account for divergence in floral traits.

Douglas Ullman, psychology, \$8,960 from the Maumee Valley Guidance Center, to fund two psychology assistants to receive training either directly or indirectly with the Maumee Valley Guidance Center for 20 hours per week during the summer of 1990.

Eileen M. Underwood, biological sciences, \$78,400 renewal from the National Science Foundation, for continued research concerning the involvement of maternal RNA in *Drosophila* embryonic development.

David C. Skaggs, history, \$88,838 from the Air War College/Air University, a one-year assignment to provide instruction in fields of expertise; and to provide advice and counsel to the chair of the Department of the Air War College on matters regarding curriculum content, methodology, research and instruction in the fields of military history and military strategy.

The College of Musical Arts, \$7,655 from Arts Midwest to help support its presentation of the Festival Series with performances by the Orpheus Chamber Orchestra, Summit Brass with Doc Severinsen and the Joseph Holmes Dance Company.

Reginald Noble, biological sciences, \$8,500 from the U.S. Environmental Protection Agency for a research report evaluating USSR global climate change research on terrestrial ecosystems and the addition of Poland to the pollution gradient study. Also, \$9,950 from the U.S. Environmental Protection Agency for Noble and Dr. Juri Martin of the USSR to conduct field activities on the North Slope of Alaska. Their research will determine feasibility of using various lichens and mosses to evaluate air toxins in the U.S. and USSR Arctic.

Thomas B. Cobb, environmental programs, \$2,022 from the U.S. Fish and Wildlife Service, Firelands Audubon Society and Sugar Creek Protection Society, for student James Darr to serve a summer internship as a biological aide at the National Fisheries Center, Great Lakes Biological Station, Sandusky.

Andrew M.W. Glass, mathematics and statistics, \$4,670 from the National Science Foundation which will allow Glass and Dr. Peter Neumann of the Queen's College and the Mathematics Institute in Oxford, England, to engage in cooperative research under NSF's U.S.-Western Europe Cooperative Science Program.

Richard Gebhardt, English, \$1,186 from the National Council of Teachers of English for funding for general office supplies, photocopying, long distance phone calls and similar expenses in the publishing of the *College Composition and Communication Journal*.

Barry Piersol, technology, \$20,000 from Marathonspecial Products for research, development and prove-out of the MTC Auto Assembly machine.

Paul Yon, Center for Archival Collections, \$50,274 from the National Endowment for the Humanities for the processing of 13 major collections of original resources and printed material of regional, national and international relevance to the history of the Great Lakes.

Michael A. Maggiotto, political science, \$1,938 supplement from Libbey-Owens-Ford, Inc., for a supervised job position involving political action and citizenship education outreach activities. LOF will provide all necessary training and supervision consistent with and specific to the duties assigned to the nominated student.

Bruce W. Smith, cooperative education program, \$1,245 from the Children's Resource Center to employ students to be transportation assistants for a total of 29.5 hours per week during a 10-week term.

Richard A. Laddaga, biological sciences, \$17,035 from the American Heart Association, Ohio Affiliate, Inc., for research into the genetic encodings of staphylococci, which result in resistances to antimicrobial agents.

Edward Fiscus and Harolyn Peconge, both of special education, \$9,400 renewal from the Autism Society of Northwest Ohio for an eight-week program designed to benefit autistic children. Also, graduate and undergraduate students in special education and related areas may participate in the program to complete practicums or student teaching.

Susan Dunn, applied human ecology, \$16,000 (renewal), from the Toledo Board of Education to provide technical assistance and consultation to the Toledo Public Schools Work and Family Program and to develop a curriculum/course of study with the plan to implement seminars to area corporations.

Faculty/Staff presentations

Donna K. Trautman, visual communication and technology education, presented "Motor Pattern Evaluation of Elementary Children" to the International Technology Education Association, Indianapolis, Ind., April 5.

John Erlon and Saeed Eidgahy, both of technology, presented "A Comparison of Educational and Training Needs of Civil Engineers and Construction Managers" at the American Society of Civil Engineers National Forum on Education and Continuing Development for the Civil Engineer, Las Vegas, Nev., April.

Barry D. Piersol, technology, and **Donna K. Trautman**, visual communication and technology education, presented "The Current Status of Technology Teacher Education Programs Concerning Industrial-Based Field Experiences," at the 52nd International Technology Education Association Conference, Indianapolis, Ind., April 5.

Kathleen Bower, **Joseph Lynch** and **Frank McKenna**, all of political science, presented "The Joint Missions of a Community Action Agency and a University in Delivering Environmental Assistance" at the 51st National Conference of the American Society for Public Administration, Los Angeles, Calif., April 7-11.

Eldon Snyder, sociology, presented "Sociology of Nostalgia: Sport Halls of Fame and Museums" at the Qualitative Research Conference, York University, Glendon College, Toronto, Ontario, Canada, May 13-16.

Faculty and graduate students from four departments were participants in the 5th Mid-continental Annual Meeting of the Society for the Scientific Study of Sex, held June 1-3 at the Sheraton Westgate, Toledo. The conference was planned and coordinated by David Wels, applied human ecology. The program committee consisted of Molly Lafflin, HPER, Richard Allgeier, psychology, and Marie Reed, a graduate assistant in applied human ecology. University presentors included Elizabeth Rice Allgeier and Clifford R. Mynatt, both of psychology; Richard Zeller, sociology;

Elizabeth Yarris and Craig Vickio, both of the Counseling and Career Development Center.

Rush Miller, libraries and learning resources, presented "Building Bridges: The Role of Friends Groups in Bridging the Gap Between Academic Libraries and Their Patrons" to the Friends of the Ohio University Libraries Annual Meeting, May 23. Also, presented "From Vision to Reality: Implementing Strategic Plans in Academic Libraries" to the Purdue University Library, April 19.

Chris Milko, libraries and learning resources, presented "The Effects of Information Export Limitations on Developing Countries" to the 11th National Online Meeting, New York, May 1-3. The paper also was published in *Proceedings*.

William Schurk, libraries and learning resources, presented "Twisting the Dials: A Brief History of Drop-In Recordings" to the joint meeting of the International Association of Sound Archives, the Association for Recorded Sound Collections and the Canadian Association of Music Libraries, Ottawa/Hull, Canada, May 7-10.

Several University faculty members from the sociology department made presentations at the NCSA/SSS Sociological Convention in Louisville, Ky., March 21-25. Among those making presentations were Edward G. Stockwell, Arthur G. Neal, Mostafa H. Nagi, Meredith Pugh, Joseph Perry, Ralph Wahrman, Jerry Wicks, H. Theodore Groat, Naoto Hara, Jan Marie Stangle, Jacquelyn Cuneen, Carol Durentini, Alfred DeMaris, Donna D. Holland, K.V. Rao, Lorna Gon-salves-Pinto, Kuzh N. Shrestha, Franklin Goza, Jennifer Dziuba, Dean Purdy, Elmer A. Spreitzer, Tim Jurkovic, Keith Roberts, Eldon Snyder, Danny Rosenberg, Alan J. Rice and Bill MacDonald.

Charles Crow, English, presented the paper "Gnawing the File: Recent Trends in McTeague Scholarship" at the American Literature Association Meeting, San Diego, Ca., May 31-June 3. He also organized and chaired a session on California writers at the meeting.

Faculty/Staff publications

J. David Reed, economics, with James P. Lesage, "The Dynamic Relationship Between Export, Local and Total Area Employment" in *Regional Science and Urban Economics*, 1989.

Gerald E. Auten, economics, with Gabriel Rudney, "The Variability of the Charitable Giving by the Wealthy" in *Philanthropic Giving, Studies in Varieties and Goals*, Chapter Four, 1989. Also, co-authored with Leonard E. Burman and William C. Randolph, "Estimation and Interpretation of Capital Gains Realization Behavior: Evidence From Panel Data," in *National Tax Journal*, Vol. XLII.

Richard Numrich, economics, "Truncated Error Structure in the Estimation of Generalized Urban Density Functions," in *The Journal of Urban Economics*, 1990.

Bevars Mabry, economics, "On Indexing Unemployment" in *The Mid-Atlantic Journal of Business*, Fall 1989.

Robert Berns, business education, co-authored the textbook *Entrepreneurship*, published by Glencoe/McGraw-Hill.

Nancy Mueller, Graduate College, "Micro-computer Software Selection Research Tools" in *Information Center*, Vol. 6, No. 5.

Bob T.W. Wu and **John Holmes**, both of marketing, co-authored "A Cross-Cultural Assessment of Time Oriented Advertising Appeals," presented at the Academy of Marketing Science Conference and published in its proceedings, *Developments in Marketing Science*, Vol. XIII, 1990.

Hung-Lian Tang, accounting and management information systems, co-authored "Formulating Industrial Development Policies: A Zero-one Goal Programming Approach" in *Policy and Information*, Dec. 15, 1989.

B. Madhu Rao, applied statistics and operations research, "On the Departure Process of the Split and Match Queue" in *Computers and Operations Research*, 1990.

Craig Vickio, psychology, "The Goodbye Brochure: Helping Students to Cope with Transition and Loss" in *Journal of Counseling and Development*.

John Cavanaugh, **Craig Vickio**, both of psychology, and **Thomas Attig**, philosophy, "Perceptions of Grief Among University Students" in *Death Studies*.

Philip R. Mason, University relations, "Just What Do You Expect?" in *AGB Reports, The Journal of the Association of Governing Boards of Universities and Colleges*, Vol. 32, No. 3, May/June 1990.

A. Rolando Andrade, ethnic studies, "Latino Students: Struggle for Identity" in *Latino Studies Journal*, Vol. 1(2), May 1990.

Charles Crow, English, "Norris, Crow and the Mussel Slough Tragedy" in *California English*, 26, March/April 1990.

M. Neil Browne, economics, and **Andrea M. Giampetro-Meyer**, "The Overriding Importance of Market Characteristics for the Selection of Pay Equity Strategies: The Relative Efficacy of Collective Bargaining and Litigation in the Nursing Industry," in *Industrial Relations Law Journal*, Vol. 11, 1989.

Michael Rastatter, communication disorders, and **Jeff Gralliot**, international programs, and **Gail Scukanec** of Central Michigan University, "Hemispheric Specialization for Processing Chinese Characters: Some Evidence from Lexical Decision Vocal Reaction Times, in *Perceptual and Motor Skills*. Also, Rastatter with Richard Jaques of Eastern Illinois University, "Recognition of Speaker Age From Selected Acoustic Features as Perceived by Normal Young and Older Listeners," in *Folia Phoniatrica*, Vol. 42, 1990. Also, Rastatter with Marie Watson of Central Michigan University, "Identification of Time-Compressed Sentential Stimuli by Good vs. Poor Readers," in *Perceptual and Motor Skills*. Also, Rastatter with Richard McGuire of the University of Northern Iowa, "Some Effects of Advanced Aging on the Visual Language Processing Capacity of the Left and Right Hemispheres: Evidence from Unilateral Tachistoscopic Viewing" in the *Journal of Speech and Hearing Research*.

Jay Martin, Institute for Great Lakes Research, published two articles on Great Lakes maritime history in *Michigan History and Anchor News*, August 1990.

Edsel A. Pena and Arjun K. Gupta, both of mathematics and statistics, "Bayes Estimation for the Marshall-Olkin Exponential Distribution," in the *Journal of Royal Statistical Society*.

Leslie J. Chamberlin, professor emeritus of educational administration and supervision, "Our Children Are Changing," in *Cooperative Learning*. The piece originally appeared in *Educational Leadership*, Vol. 33, No. 4.

William W. Currie, humanities, Firelands College, "Evaluating the Collection of a Two-Year Branch Campus by Using Textbook Citations" in *Community & Junior College Libraries*, Vol. 6.

Karen Gould, women's studies and romance languages, "A Revolution in Literary Theory: Recent Texts by Nicole Brossard and France Theret" in *Canadian Issues/Thames Canadianers*, 12, 1990.

Note of Appreciation

Editor, the *Monitor*:

Receiving this year's Ferrari Award was certainly a surprise honor and privilege. It is wonderful to have one's efforts acknowledged by her colleagues; I deeply appreciate that recognition. Many of the accomplishments that were attributed to me were only achieved through the dedication and hard work of my staff. Their pride and commitment have made us one of the best college dining services in the country and I want to thank them again for that support and cooperation.

For the most part, I have been fortunate during my tenure at BGSU to have had the supportive supervision and interdepartmental cooperation that is necessary to accomplish goals and objectives and initiate new programs.

Change often is difficult but the risk is worth the effort if it contributes significantly to the betterment of the University. We in the service sector are primarily here to support the academic mission of this University. Our goal is to serve the students, faculty, staff and visitors of Bowling Green State University with enthusiasm and our best effort. Thank you for encouraging and rewarding our best efforts.

Jane Schimpl
Director, food operations

Forum celebrates 15 years of lunch programs

The Arts and Sciences Forum Lecture Series will observe its 15th year of luncheon programs Tuesday (Sept. 18) with its 1990-91 season.

Dr. Ken Kiple, history, will be the speaker and will focus on a research project he is editing entitled, *The Cambridge History and Geography of Human Disease*. The book, which is in collaboration with 160 social and medical scientists and with support from the Guggenheim Foundation, covers the history and geography of diseases from AIDS to yellow fever.

The luncheon will be at 12:30 p.m. in the

Office hours are set

Office hours for the Graduate Student Senate, located in 300 McFall Center, are as follows: 9:30 a.m.-1:30 p.m. Monday and Friday; and 9 a.m.-5 p.m. Tuesday and Thursday. The office will be closed between noon and 1 p.m. on these days.

Classified staff hired

The following individuals joined the permanent classified staff in August: **Kathy Berris**, library assistant, music library; **David Weaver**, custodial worker, physical plant; **Lynn Davis**, vehicle operator 1, parking and traffic; and **Kay Sergent**, part-time typist 2, popular culture.

Also, **Karen Wasson**, secretary 1, Student Health Services; **Richard Maidment**, Janet Cavanaugh and Vickie Bateson, all part-time vehicle operator 1, parking and traffic; and **Robert Panning**, stores clerk, food operations.

Classified Employment Opportunities

New Vacancies

Posting Expiration Date: noon, Friday, Sept. 21.

- | | |
|--------|---|
| 9-21-1 | Food Service Worker
Pay range 1
University Union
Academic year, part-time |
| 9-21-2 | Food Service Worker
Pay range 1
University Union
Permanent, part-time |
| 9-21-3 | Word Processing Specialist 1
Pay range 25
Bursar's office |

Faculty/Staff positions

The following faculty positions are available:

Criminal Justice: Assistant professor (anticipated). Contact Steven Lab (2-2326). Deadline: Oct. 15.
English: Assistant professor. Also, assistant or associate professor. Contact Richard Gebhardt (2-2576). Deadline: Nov. 15.
Mathematics and Statistics: Eugene Lukacs Visiting Professor (terminal/full-time). Contact Hassoon S. Al-Amiri (2-2636). Deadline: Jan. 15.
Marketing: Assistant professor. Contact James West (2-2041). Deadline: Sept. 30.

The following administrative positions are available:

English: Director of general studies writing. Contact Richard Gebhardt (2-2576). Deadline: Nov. 15, or until filled.
Intercollegiate Athletics: Director of academic and regulatory affairs. Contact chair of search and screening committee, c/o athletic department (2-2401). Extended deadline: Oct. 8.
University Graphic Arts Service: Graphic designer. Contact Sam Ramirez (2-2558). Deadline: Oct. 1.
University Placement Services: Assistant director of placement, business and technology. Contact Sam Ramirez (2-2558). Deadline: Oct. 12 or until filled.

Alumni Room of the University Union. Reservations are required for the meal. The talk will begin at 1 p.m. and limited seating will be available at that time. For more information, contact Donna at 372-2340.

Note Jewish holiday

Faculty are reminded by the Office of the Vice President for Academic Affairs that the Jewish holidays occur this month. Rosh Hashanah starts on Sept. 19 at sundown and continues through sundown on Sept. 21.

Faculty are encouraged to grant excused absences to Jewish students who request them for observation of the holidays. All students excused from class, however, must make up any work missed as a result of the absence.

Since Yom Kippur begins the evening of Sept. 28, a Friday, and concludes the evening of Sept. 29, a Saturday, it will not have any effect on classes.

Positions are filled

Twelve individuals have joined the administrative staff recently. They are: **Steve White**, and **Steve Zaborniak**, both part-time assistant recording technicians, College of Musical Arts; **Ralph Rotsted**, clinical supervisor, communication disorders; **Diane Carter**, scene shop foreman, theatre; **James Tutorow**, part-time assistant stage manager, College of Musical Arts; and **Jim Savchuk**, basic writing specialist, academic enhancement. Also, **Vicki Knauerhase**, child development specialist, applied human ecology; **Lona Hess**, ice skating coordinator, Ice Arena; **Penny Dean**, part-time head women's coach, intercollegiate athletics; **Daniel Schmitz**, head baseball coach, intercollegiate athletics; **Jeanne Wright**, health educator, Student Health Services; and **Gerry Carter**, membership services coordinator, University relations.

Fall Fest is planned

The University's annual Fall Fest will be held from 3-8 p.m. Saturday (Sept. 22) at the Ice Arena intramural fields on Mercer Road. In case of bad weather it will be held in Eppler Center.

The fest will feature carnival games, a Blitzzen concert and a softball tournament. For more information, call the UAO office at 372-2343.



Nancy Iler (left) and Suanne Miller, both of the University Bookstore, talk to students at the BG Merchants Fair held in the Lenhart Grand Ballroom Sept. 11. More than 50 organizations and area stores, such as Currents Gallery, Kroger, Travel Unlimited, Sohio Pro Care and the Wood County Council on Alcoholism and Drug Abuse, displayed merchandise and services to make students and staff members aware of products available in Bowling Green.

Datebook

Monday, Sept. 17

Art Exhibit, "A Cultural Exchange: Shaanxi-Ohio Fall '90," featuring a mural and folk crafts from Shaanxi province in the People's Republic of China, through Sept. 19, Fine Arts Gallery. Gallery hours are 9 a.m.-4:30 p.m. Monday through Friday and 2-5 p.m. Sundays. Free.

Photography Exhibit, a one-man show by Charles Corbell Sr., black and white and color photos depicting nature and architecture, through Oct. 18, Firelands Art Gallery, Firelands College. Gallery hours are 9 a.m.-8 p.m. Monday through Thursday, and 9 a.m.-5 p.m. Friday. Free.

UAO Print Sale, 10 a.m.-6 p.m., Lenhart Grand Ballroom, University Union. Runs Monday through Friday.

Aerobics Classes, The "30-minute Noon Workout" is geared for faculty and staff and will be held every Monday and Wednesday throughout the semester in the Combative Dance Room, Student Recreation Center. To obtain information about other classes at the Center, pick up a schedule at the SRC.

Men's Bowling League, 7 p.m., Buckeye Room. Call Jay at 372-8701 to reserve a spot.

Tuesday, Sept. 18

Classified Staff Council Meeting, 9 a.m., Taft Room, University Union.

Computer Services Seminar, "Intro to the Unix Operating System (IBM 4341)," 9-11 a.m. Call 372-2102 to register or call Bob Fyle at 372-2103 for more information.

Arts and Sciences Forum Luncheon, 12:30 p.m., Alumni Room, University Union. Dr. Ken Kiple, history, will be the speaker. The cost is \$4.95 plus tax. Call Donna at 372-2340 for reservations.

Faculty Senate Meeting, 2:30 p.m., Assembly Room, McFall Center.

Eating Disorders Series, session 4 topic is "What to Do if You Suspect a Friend has an Eating Disorder," 8 p.m., Faculty Lounge, University Union. Will be followed by another session on September 25.

Wednesday, Sept. 19

Open Forums with the President, students can meet and talk with President Olscamp, noon-1 p.m., Chart Room, 221 McFall Center.

Aerobics Classes, The "30-minute Noon Workout" is geared for faculty and staff and will be held every Monday and Wednesday throughout the semester in the Combative Dance Room, Student Recreation Center. To obtain information about other classes at the Center, pick up a schedule at the SRC.

Soccer, vs. Central Michigan, 3:30 p.m., Cochrane Field.

Computer Services Seminar, "Intro to Using Electronic Mail at BGSU," 3:30-5 p.m. Call 372-2102 to register or call Bob Fyle at 372-2103 for more information.

Thursday, Sept. 20

Film Series, the Marx Brothers go to college in the classic, "Horsefeathers," 8:45 p.m., Mathematical Sciences Building. Free.

Friday, Sept. 21

New Faculty Orientation, 2:30 p.m., Alumni Room, University Union. Returning faculty also welcome. Call the research services office at 372-2481 for more information.

Economics Colloquium Series, "Capital Flow Offset: Canadian Monetary Policy," by Dr. Larry Gwinn, Wittenberg University, 3-4:30

p.m., 4000 Business Administration Building. Background information will be available in 301 Business Administration.

Women's Bowling League, 7 p.m., Buckeye Room. Call Jay at 372-8701 to reserve a spot.

Saturday, Sept. 22

Softball, Alumni Game, noon, BGSU Softball Field.

Falcon Football, at Central Michigan, 1 p.m.

Soccer, vs. Brooklyn in the KWIK GOAL Classic, 3 p.m., Cochrane Field.

Fallfest 1990, featuring musical entertainment from Blitzzen and a softball tournament, 3-8 p.m., Intramural fields. Rain site is Eppler Center. Free.

Women's Volleyball, vs. University of Illinois-Chicago, 7 p.m., Anderson Arena.

Sunday, Sept. 23

Soccer, vs. Tulsa in the KWIK GOAL Classic, 3 p.m., Cochrane Field.

Faculty Artist Series, featuring violinist Paul Makara and pianist Frances Burnett, 8 p.m., Kobacker Hall. Free.

Monday, Sept. 24

Ph.D. Final Examination, Brent Cejda, College of Education and Allied Professions, argues for "A Career Mobility Model for the Elementary Principalship," 10 a.m.-noon, 444 Conference Room, Education Building.

Computer Services Seminar, "Intro to the Statistical Analysis System (SAS)," 3:30-5 p.m. Call 372-2102 to register or call Bob Fyle at 372-2103 for more information.

Theatre season to open with 'Barefoot'

"Barefoot in the Park," one of Neil Simon's most popular comedies, open the University's theatre season Oct. 4.

The production will be presented at 8 p.m. Thursday through Saturday, Oct. 4-6 and Oct. 11-13, and at 2 p.m. Sunday, Oct. 7.

"Barefoot in the Park" is a comedic look at the start of married life. After a six-day honeymoon, Paul and Corie Bratter move into an overpriced, sixth floor walk-up apartment. Their initial joy and enthusiasm is tempered by the apartment's lack of heat and space.

The play is being directed by Dr. Allen Kepke, chair of the theatre department.

Reserved seat tickets can be purchased at the theatre box office in University Hall or reserved by calling (419) 372-2719. Remaining tickets will be sold at the box office immediately before the performance.

Free parking is available in campus parking lots A and G, which can be reached by turning north at the intersection of E. Wooster Street and S. College Drive.

For sale

The Graduate Student Senate has for sale a Panasonic FP-1520, with a 15-bin sorter and two paper trays. It comes with a stand and is in good condition. For more information, call 372-2426.